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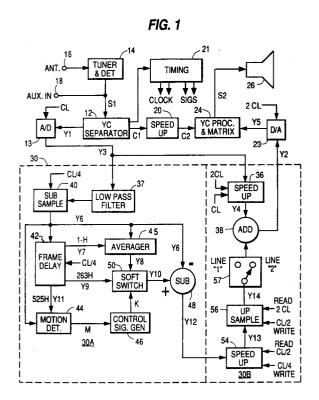
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 Deutsche Thomson-Brandt GmbH Patentund Lizenzabteilung Göttinger Chaussee 76
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- 9 Progressive scan television system using luminance low frequencies from previous field.
- (57) A progressive scan processor (30) includes an input circuit (30A) which produces a video difference signal (Y12) representative of a difference between a first low frequency component (Y6) derived from a current line of a video input signal (Y3) and a second low frequency component (Y10) derived by motion adaptive processing (42-50) from a selected previous line of the video input signal. A line-rate doubling output circuit (30B) combines a line of the double line-rate difference signal (Y14) with every other line of the double line-rate input signal (Y4) to form a progressively scanned output signal (Y2). Advantageously, the system exhibits the relatively high vertical resolution and motion artifact immunity characteristic of motion adaptive systems as well as substantially reduced system memory requirements characteristic of "dual band" processors and it provides "dual band" processing of high and low frequency video components without the need for complementary band splitting filters having special amplitude and phase response characteristics.



EUROPEAN SEARCH REPORT

EP 91 11 9948

Category	Citation of document with indic of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)	
A	GB-A-2 168 219 (RCA)		1	HO4N5/44	
^	* page 3, line 51 - line 8	88: figure 1 *	-		
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A	JP-A-2 057 081 (TOSHIBA)		1		
A,P	& US-A-5 012 326 (SAKAMOTO))	1		
	* column 7, line 4 - line	40; figure 6 *			
A	WO-A-8 603 921 (RCA)		1,2		
	* page 25, line 32 - page	28, line 32; figures			
	3,5,10,11 *				
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				TECHNICAL FIELDS	
				SEARCHED (Int. Cl.5)	
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	The present search report has been	drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
THE HAGUE		09 JUNE 1992	YVO	YVONNET J.W.	
	CATEGORY OF CITED DOCUMENTS	T : theory or princ	iple underlying th	e invention	
X: particularly relevant if taken alone Y: particularly relevant if combined with another D: document of the same category L: document cit		document, but pub	lished on, or		
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